WHAT IS CLAIMED IS:

1. A self-restarting pool cover siphon comprising:

a housing adapted to be placed on top of a pool cover where water drainage is desired, the housing having a hollow interior and at least one opening through which water on the pool cover can drain into the hollow interior, the housing being weighted to remain on the pool cover,

a tube having one end secured to said housing and in fluid communication with the hollow interior and an opposite open end through which water traveling through the tube drains, the tube adapted to be bent to form a loop therein, and the tube having an opening between the opposite ends thereof to be positioned at an upper position of the loop, and

a differential pressure causing device removably connected to the opposite end of the tube for initially causing a differential pressure in the tube to cause the water in the housing to drain from said pool cover through the housing and said tube, and thereafter being removed from the opposite end of the tube, wherein additional water deposited on the pool cover will cause water remaining in the loop to pass by the opening in the loop to re-prime the siphon and cause drainage of water from the pool cover

without further use and actuation of the differential pressure causing device.

2. A self-restarting pool cover siphon according to claim 1, wherein the opening in the loop is adjusted to a position corresponding to a maximum height of water on top of the pool cover.

3. A self-restarting pool cover siphon according to claim 1, further comprising a holding device for releasably holding the loop in its loop configuration.

4. A self-restarting pool cover siphon according to claim 1, wherein the loop is fixed in its loop configuration.

5. A self-restarting pool cover siphon according to claim 1, wherein the hollow interior of the housing is separated into first and second compartments by a divider wall, the at least one opening being in fluid communication only with the first compartment, and the second compartment including a material to weigh down the housing.

6. A self-restarting pool cover siphon according to claim 1, wherein the housing includes at least one wall having a material embedded therein to weigh down the housing.

7. A self-restarting pool cover siphon according to claim 1, wherein the differential pressure causing device includes a check valve and bulb pump assembly.

8. A method for siphoning water from a top of a pool cover, comprising the steps of:

placing a housing on top of the pool cover where water drainage is desired, the housing having a hollow interior and at least one opening through which water on the pool cover can drain into the hollow interior, the housing being weighted to remain on the pool cover,

securing one end of a tube having opposite ends and an opening between the opposite ends, to said housing in fluid communication with the hollow interior,

forming a loop in the tube such that the opening in the tube is positioned at an upper position of the loop,

adjusting the position of the opening to a position substantial equal to a maximum height of water on top of the pool cover,

covering the opening in the tube,

actuating a differential pressure causing device secured to the opposite end of the tube to initially cause a differential pressure in the tube, wherein water from the top of the pool cover which has drained into the housing is siphoned through said tube and removed at said opposite end of the tube,

thereafter removing the differential pressure causing device from the tube, and

uncovering the opening in the tube wherein additional water deposited on the pool cover will cause water remaining in the loop to pass by the opening in the loop to re-prime the siphon and cause drainage of water from the pool cover without further use and actuation of the differential pressure causing device.

9. A method according to claim 8, wherein said differential pressure causing device includes a check valve and bulb pump assembly.

10. A method according to claim 8, wherein said step of forming a loop in the tube includes the step of securing said flexible hose to maintain the loop in the loop configuration.

11. A method according to claim 8, wherein said step of forming a loop in the tube includes the step of preforming the loop during manufacture thereof.